

Montana Injury Report

2008



Overview of Data

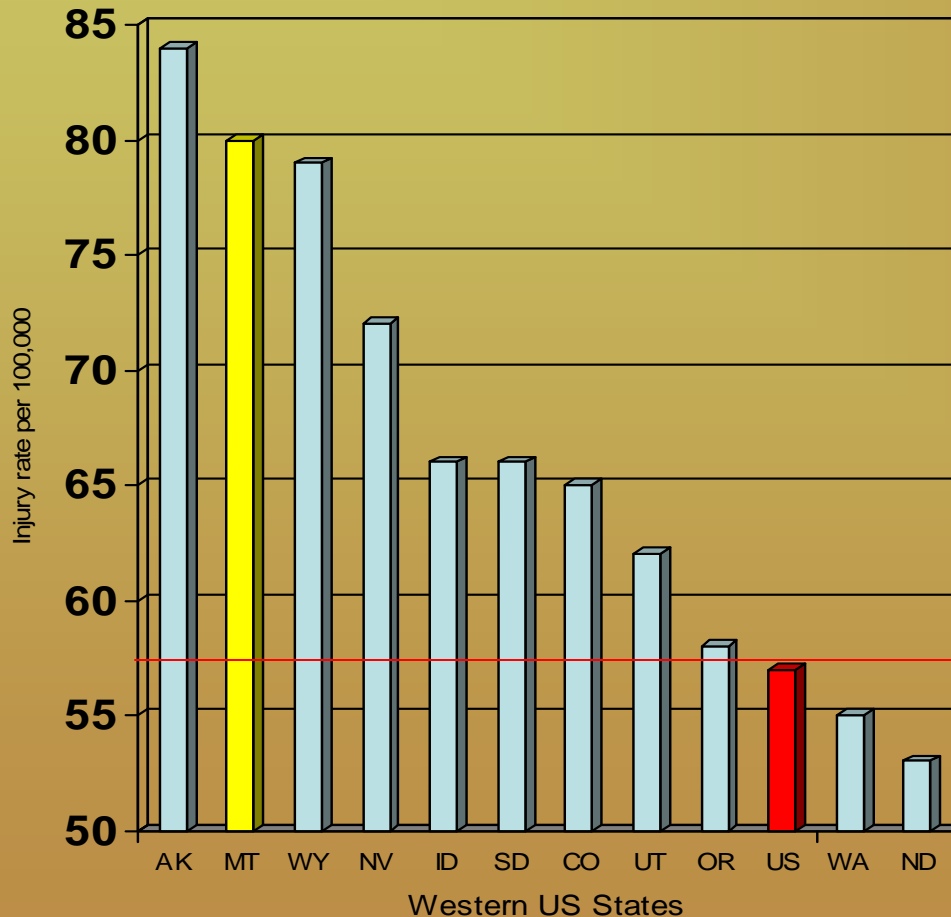
- Data source – CDC WISQARS Mortality, 2001-2005
- Montana has one of the highest injury rates in the nation
- Unintentional Injury is the leading cause of death for Montanans age 1-44 years
 - The fifth leading cause for all ages

10 Leading Causes of Death, Montana

2001 - 2005, All Races, Both Sexes

	Age Groups										
Rank	<1	1-4	5-9	10-14	15-24	25-34	35-44	45-54	55-64	65+	All Ages
1	Congenital Anomalies 90	Unintentional Injury 25	Unintentional Injury 23	Unintentional Injury 37	Unintentional Injury 389	Unintentional Injury 283	Unintentional Injury 337	Malignant Neoplasms 712	Malignant Neoplasms 1,495	Heart Disease 7,888	Heart Disease 9,591
2	SIDS 47	Congenital Anomalies 11	Malignant Neoplasms 11	Suicide 8	Suicide 133	Suicide 151	Malignant Neoplasms 198	Heart Disease 511	Heart Disease 984	Malignant Neoplasms 7,037	Malignant Neoplasms 9,537
3	Short Gestation 33	Homicide 9	Congenital Anomalies 6	Malignant Neoplasms 5	Homicide 37	Malignant Neoplasms 44	Suicide 188	Unintentional Injury 350	Chronic Low. Respiratory Disease 250	Chronic Low. Respiratory Disease 2,588	Chronic Low. Respiratory Disease 2,905
4	Maternal Pregnancy Comp. 27	Heart Disease 5	Homicide 4	Congenital Anomalies 4	Malignant Neoplasms 31	Heart Disease 28	Heart Disease 158	Suicide 177	Unintentional Injury 241	Cerebro-vascular 2,557	Cerebro-vascular 2,799
5	Placenta Cord Membranes 19	Malignant Neoplasms 5	Influenza & Pneumonia 2	Heart Disease 4	Heart Disease 6	Homicide 23	Liver Disease 75	Liver Disease 158	Diabetes Mellitus 150	Alzheimer's Disease 1,254	Unintentional Injury 2,569
6	Unintentional Injury 12	Six Tied 1	Benign Neoplasms 1	Homicide 4	Congenital Anomalies 5	Liver Disease 16	Diabetes Mellitus 29	Diabetes Mellitus 95	Cerebro-vascular 146	Influenza & Pneumonia 973	Alzheimer's Disease 1,264
7	Circulatory System Disease 11	Six Tied 1	Heart Disease 1	Influenza & Pneumonia 3	Diabetes Mellitus 5	Diabetes Mellitus 13	Homicide 27	Cerebro-vascular 65	Liver Disease 132	Diabetes Mellitus 928	Diabetes Mellitus 1,222
8	Neonatal Hemorrhage 11	Six Tied 1	Perinatal Period 1	Diabetes Mellitus 1	Cerebro-vascular 3	Cerebro-vascular 6	Cerebro-vascular 21	Chronic Low. Respiratory Disease 53	Suicide 107	Unintentional Injury 872	Influenza & Pneumonia 1,082
9	Intrauterine Hypoxia 8	Six Tied 1	Pneumonitis 1	Perinatal Period 1	Four Tied 2	Complicated Pregnancy 5	Septicemia 14	Viral Hepatitis 37	Influenza & Pneumonia 48	Nephritis 497	Suicide 920

Fatal Injury Rate* on 11 Western States, 2001-2005

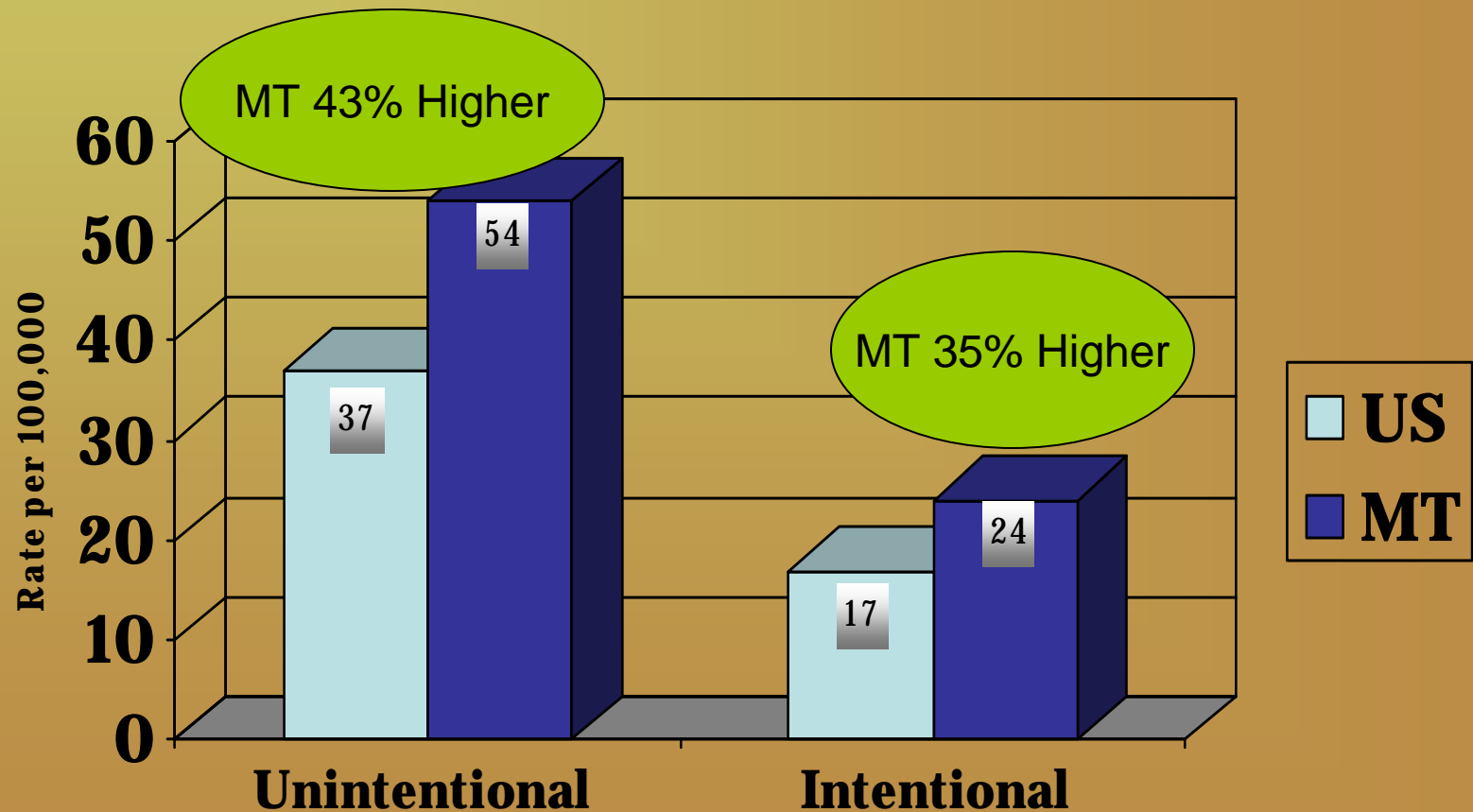


- US – 57 per 100,000
- MT – 80 per 100,000

US Injury Rate

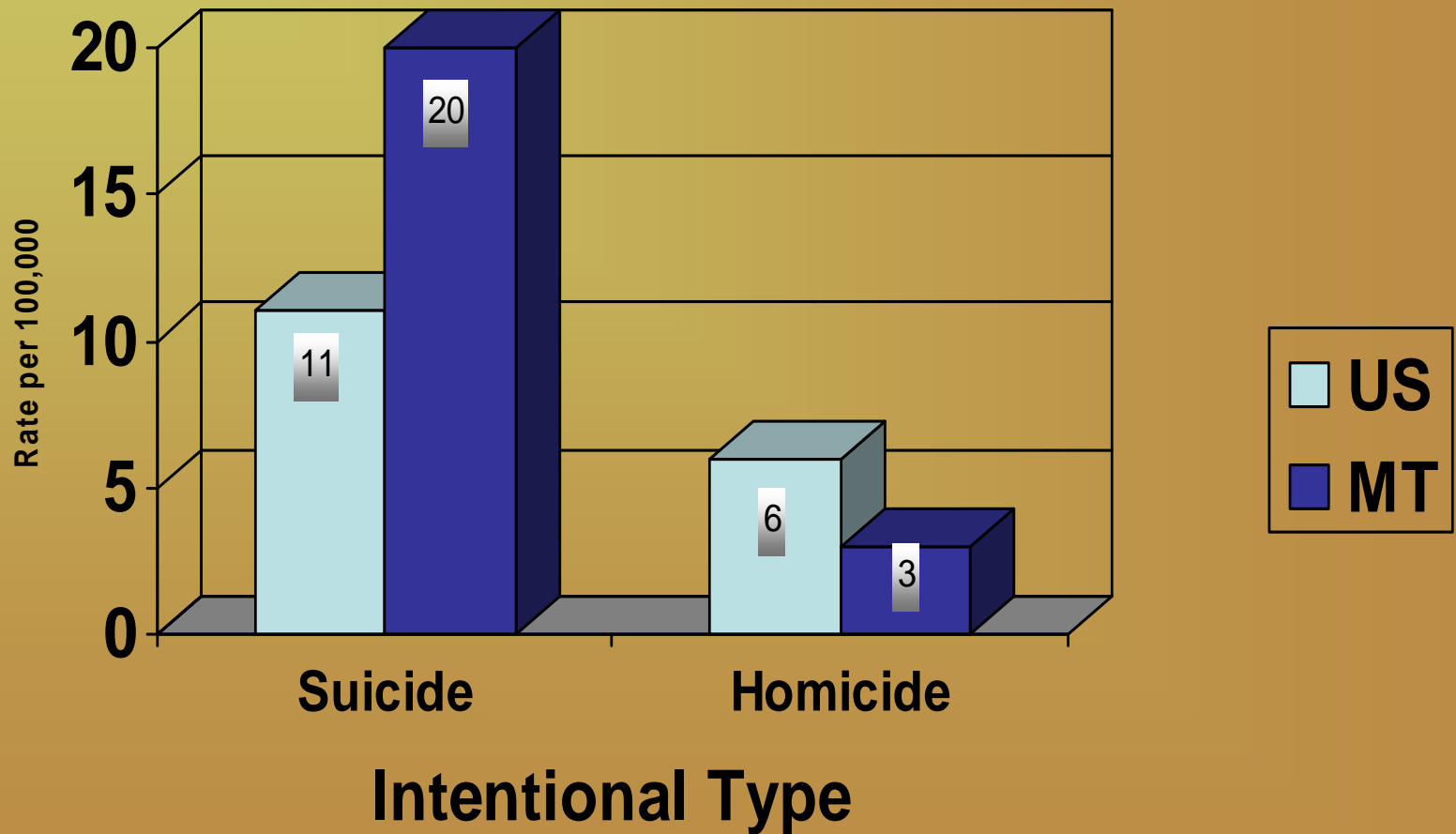
* Age-adjusted

Fatal Injury Rate* by Intent of Injury, All Ages, US and MT, 2001-2005



* Age-adjusted

Fatal Intentional Injury Rate*, All ages, US and MT, 2001-2005



* Age-adjusted

#1 Cause
of Unintentional Injury
in MT for all ages is
Motor Vehicle Crashes!

10 Leading Causes of Unintentional Injury Deaths, Montana

2001 - 2005, All Races, Both Sexes

	Age Groups										
Rank	<1	1-4	5-9	10-14	15-24	25-34	35-44	45-54	55-64	65+	All Ages
1	Unintentional MV Traffic 5	Unintentional MV Traffic 9	Unintentional MV Traffic 8	Unintentional MV Traffic 27	Unintentional MV Traffic 285	Unintentional MV Traffic 185	Unintentional MV Traffic 162	Unintentional MV Traffic 174	Unintentional MV Traffic 121	Unintentional Fall 424	Unintentional MV Traffic 1,146
2	Unintentional Suffocation 4	Unintentional Drowning 7	Unintentional Other Land Transport 4	Unintentional Fire/burn 3	Unintentional Drowning 22	Unintentional Poisoning 38	Unintentional Poisoning 88	Unintentional Poisoning 63	Unintentional Fall 22	Unintentional MV Traffic 170	Unintentional Fall 507
3	Unintentional Drowning 1	Unintentional Pedestrian, Other 3	Unintentional Drowning 3	Unintentional Poisoning 2	Unintentional Poisoning 18	Unintentional Fall 10	Unintentional Natural/ Environment 15	Unintentional Fall 25	Unintentional Poisoning 21	Unintentional Unspecified 93	Unintentional Poisoning 252

10 Leading Causes of Unintentional Injury Deaths, Montana

2001 - 2005, All Races, Both Sexes

Ages: All Ages

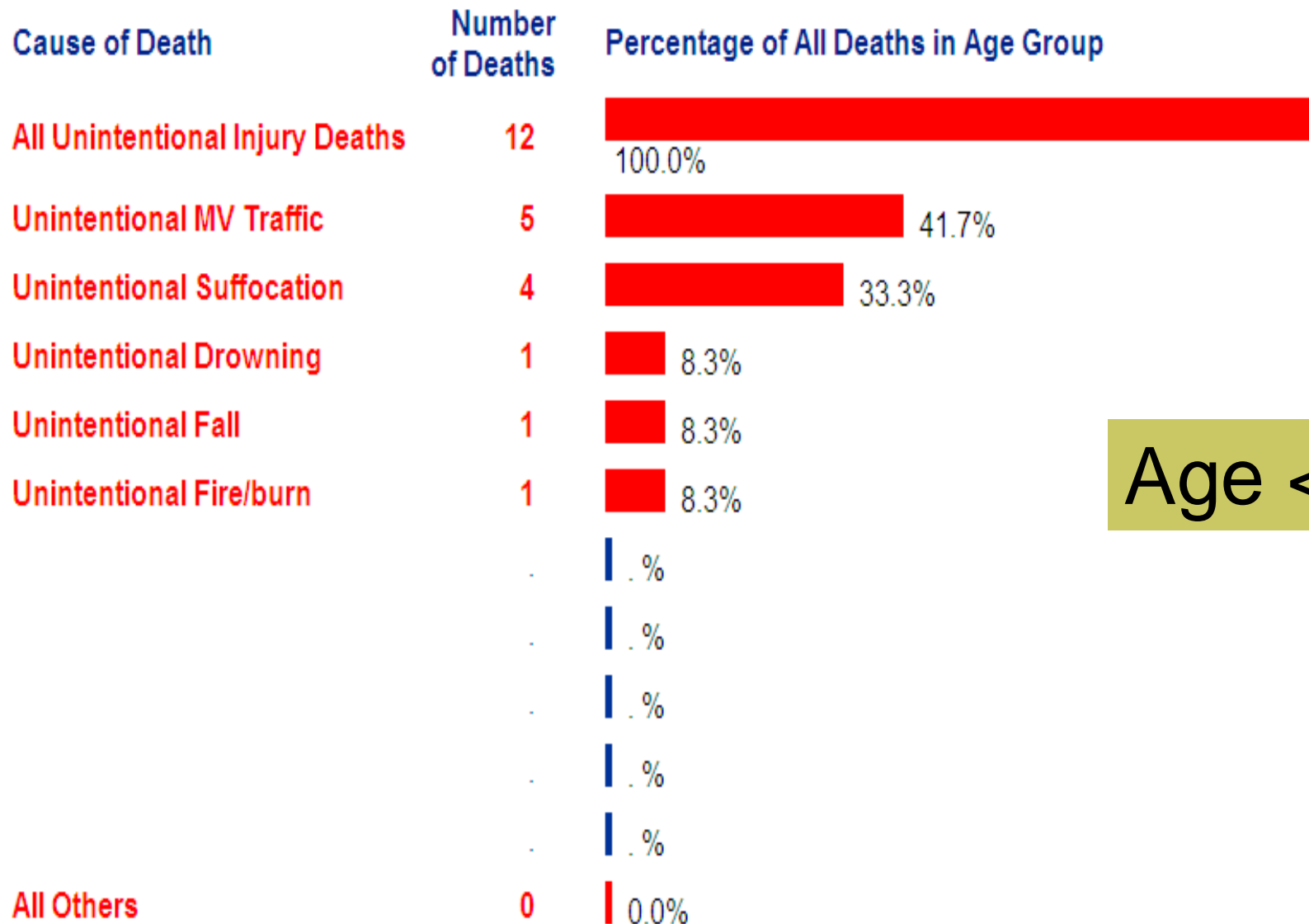
Cause of Death	Number of Deaths	Percentage of All Deaths in Age Group
All Unintentional Injury Deaths	2,569	100.0%
Unintentional MV Traffic	1,146	44.6%
Unintentional Fall	507	19.7%
Unintentional Poisoning	252	9.8%
Unintentional Unspecified	104	4.0%
Unintentional Suffocation	84	3.3%
Unintentional Natural/ Environment	81	3.2%
Unintentional Drowning	72	2.8%
Unintentional Other Transport	62	2.4%
Unintentional Other Land Transport	51	2.0%
Unintentional Fire/burn	46	1.8%
All Others	164	6.4%

All ages

10 Leading Causes of Unintentional Injury Deaths, Montana

2001 - 2005, All Races, Both Sexes

Ages: <1

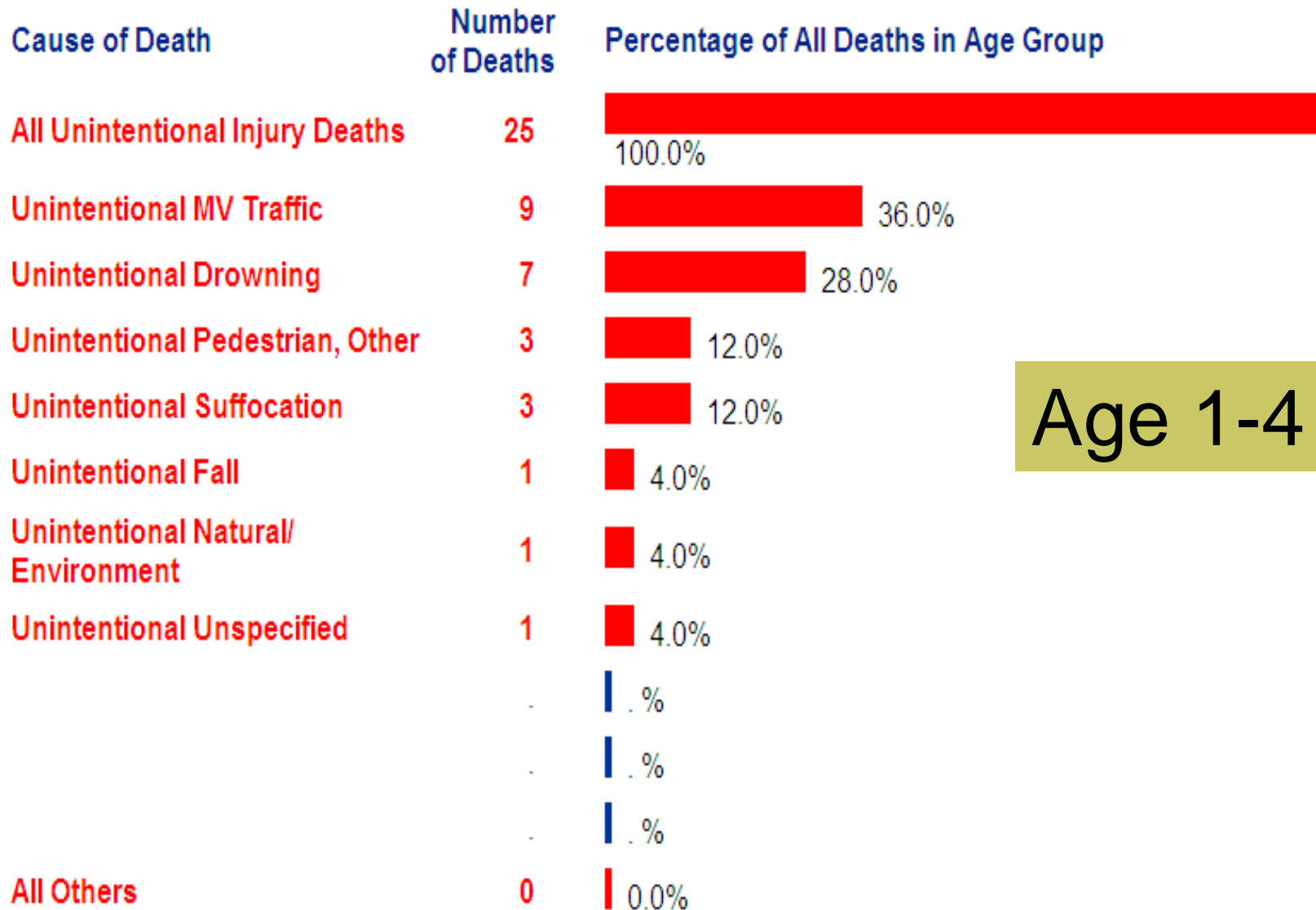


Age <1

10 Leading Causes of Unintentional Injury Deaths, Montana

2001 - 2005, All Races, Both Sexes

Ages: 1-4

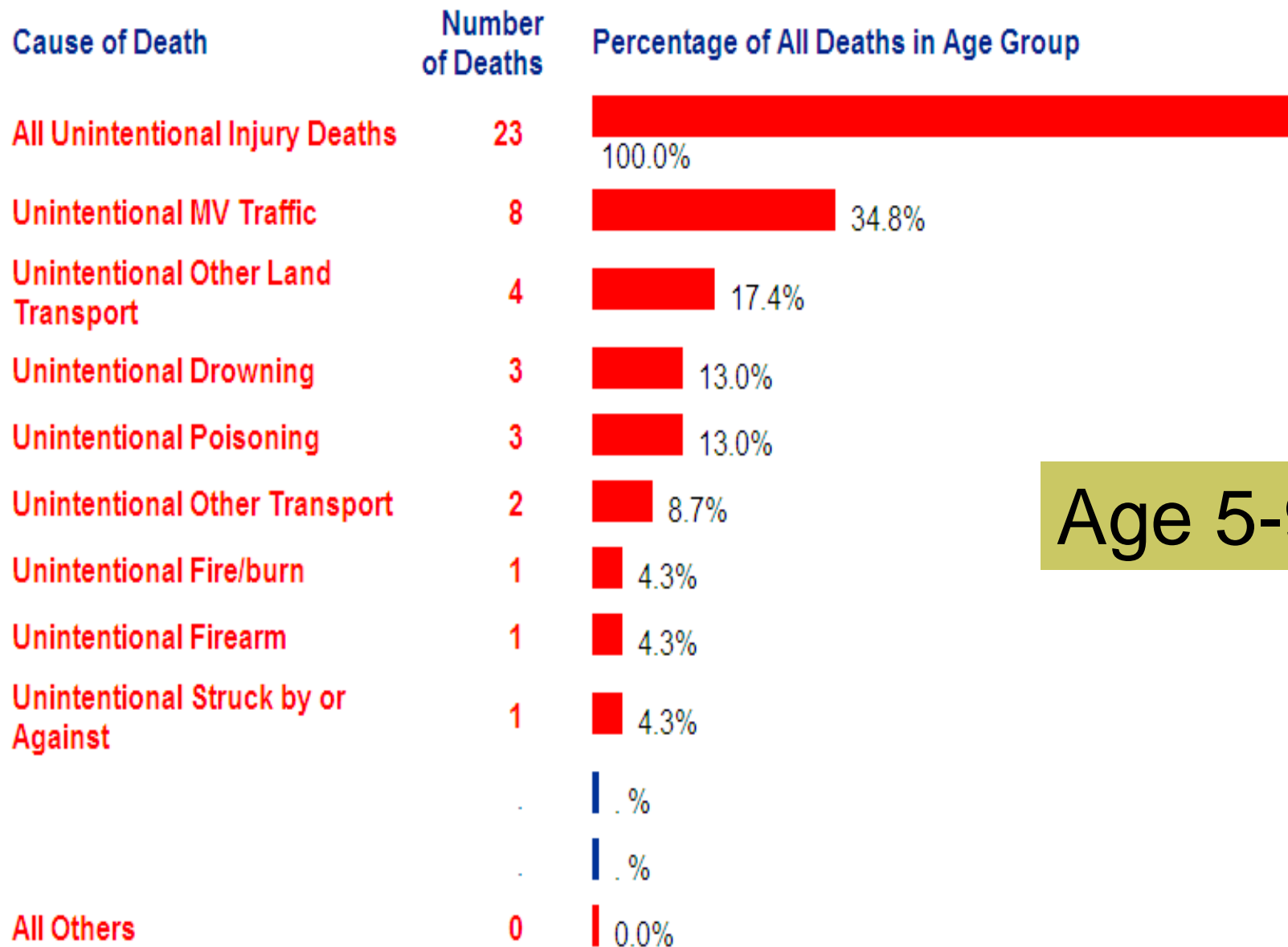


Age 1-4

10 Leading Causes of Unintentional Injury Deaths, Montana

2001 - 2005, All Races, Both Sexes

Ages: 5-9

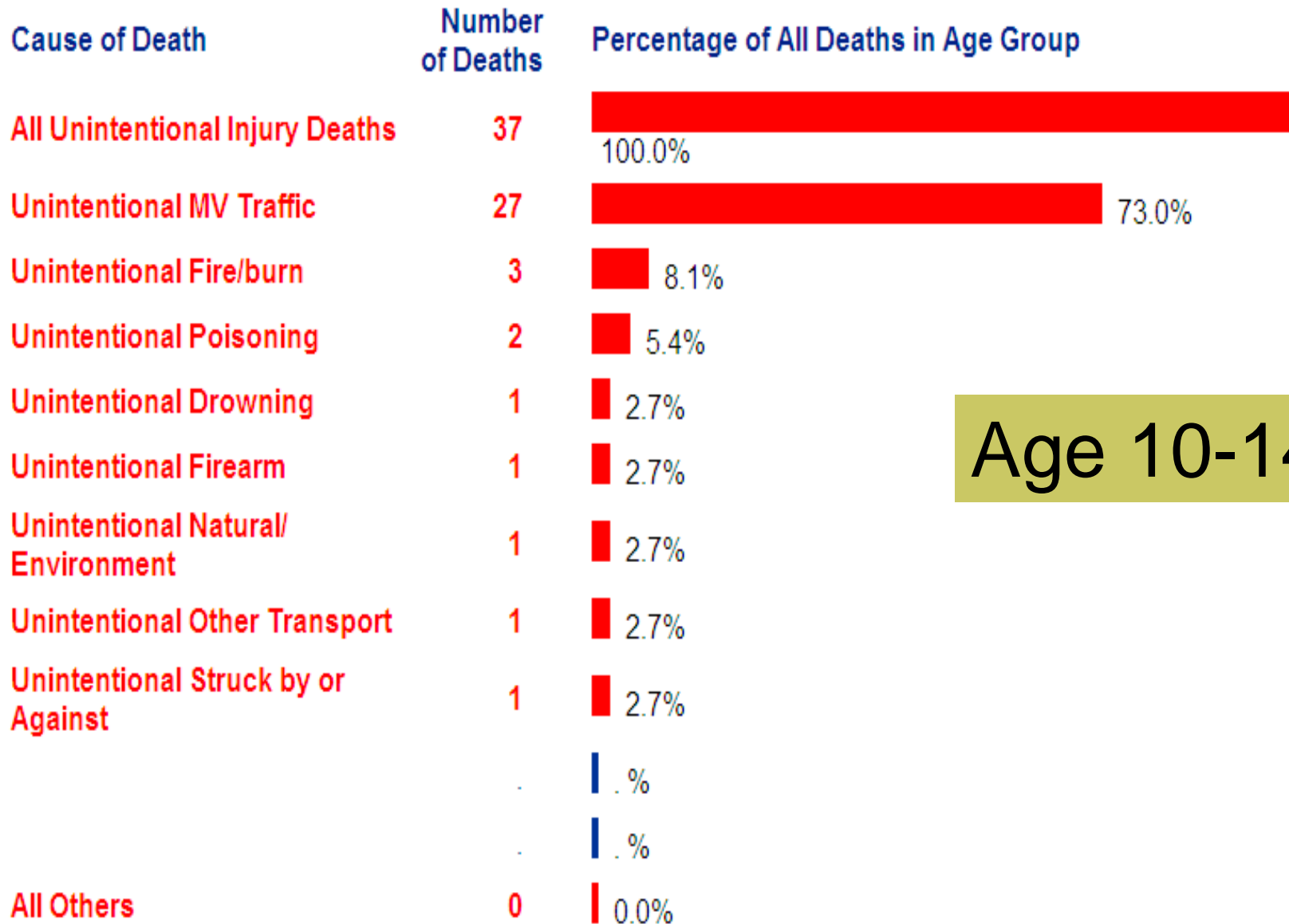


Age 5-9

10 Leading Causes of Unintentional Injury Deaths, Montana

2001 - 2005, All Races, Both Sexes

Ages: 10-14

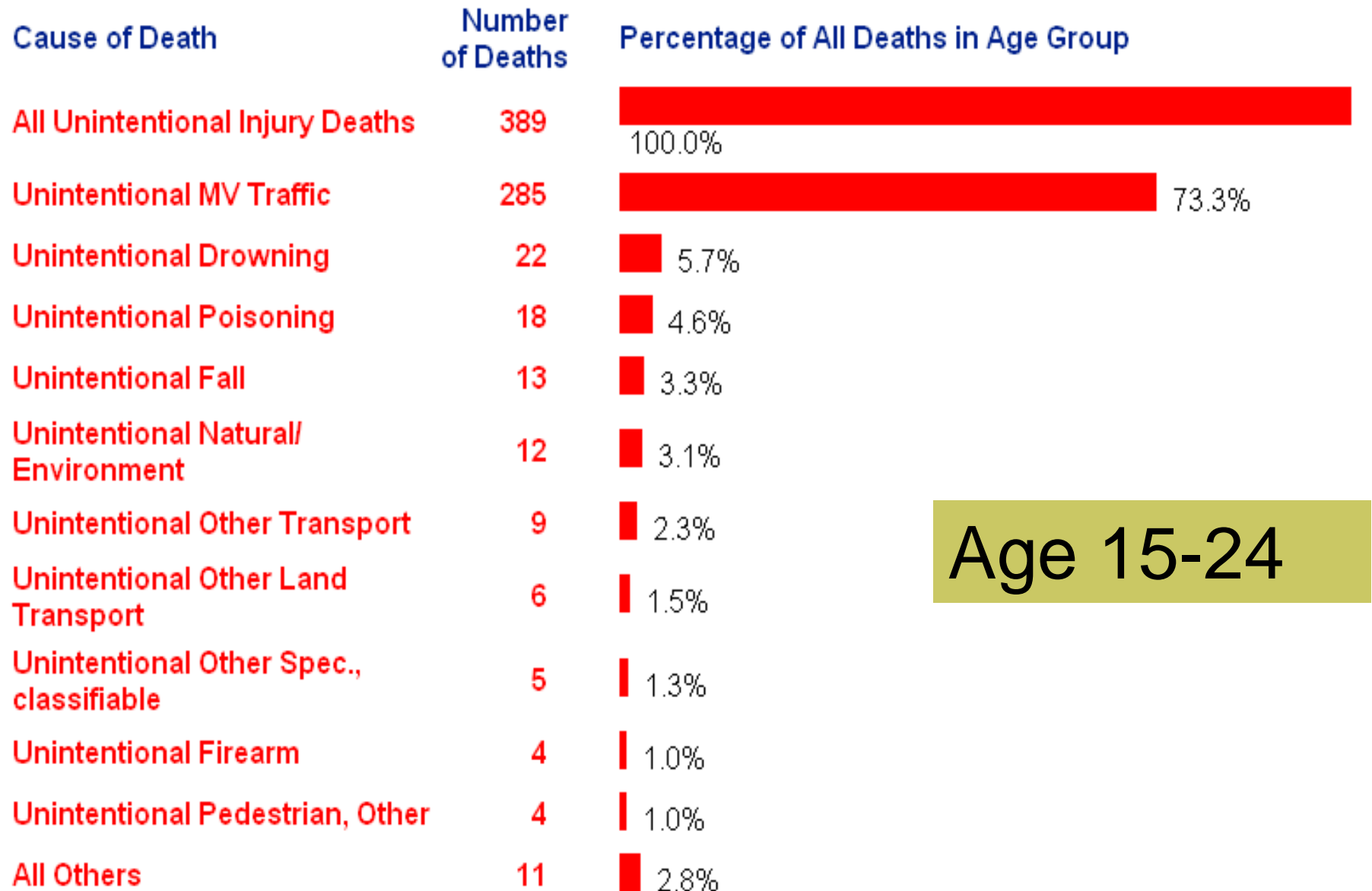


Age 10-14

10 Leading Causes of Unintentional Injury Deaths, Montana

2001 - 2005, All Races, Both Sexes

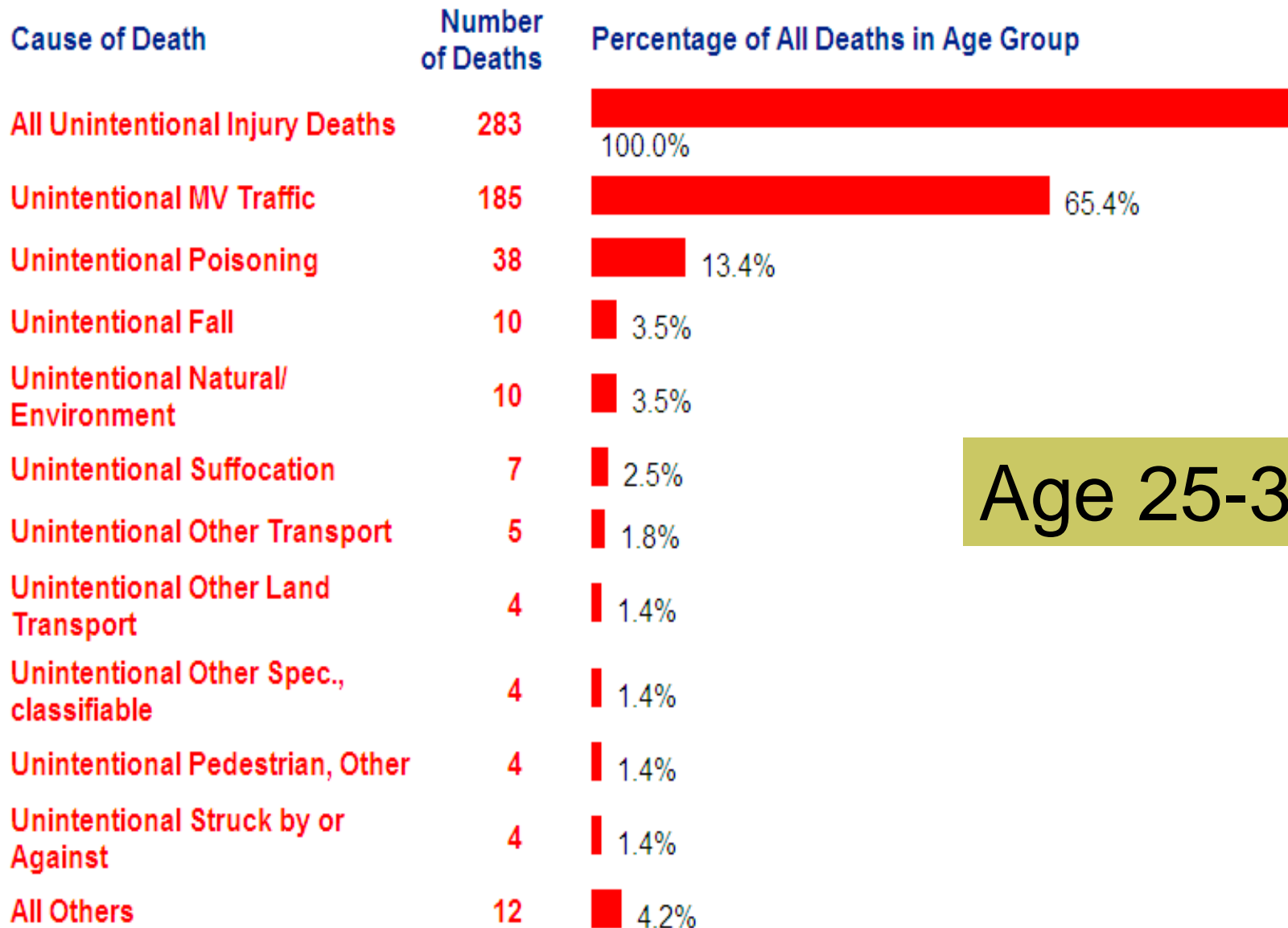
Ages: 15-24



10 Leading Causes of Unintentional Injury Deaths, Montana

2001 - 2005, All Races, Both Sexes

Ages: 25-34

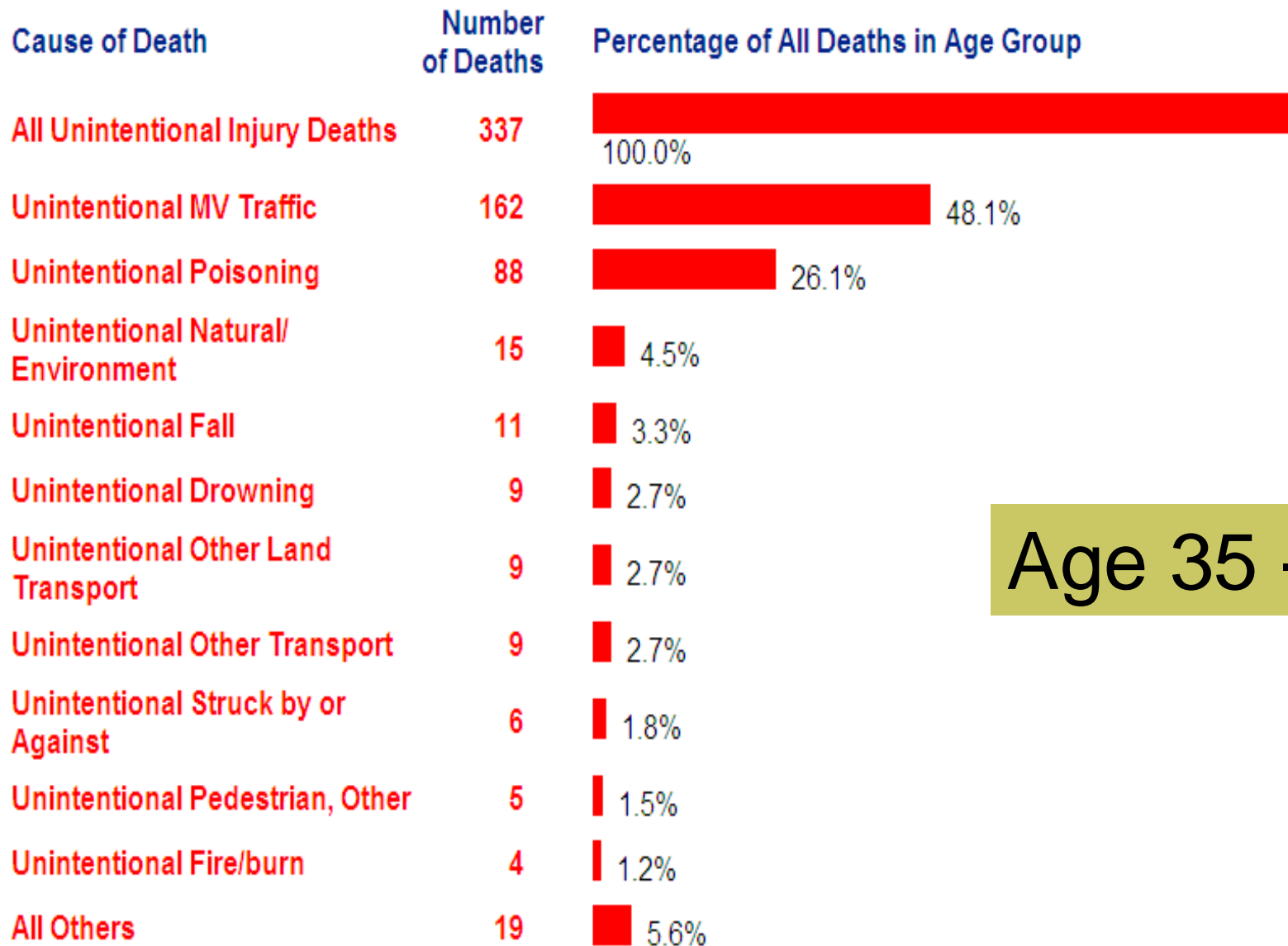


Age 25-34

10 Leading Causes of Unintentional Injury Deaths, Montana

2001 - 2005, All Races, Both Sexes

Ages: 35-44

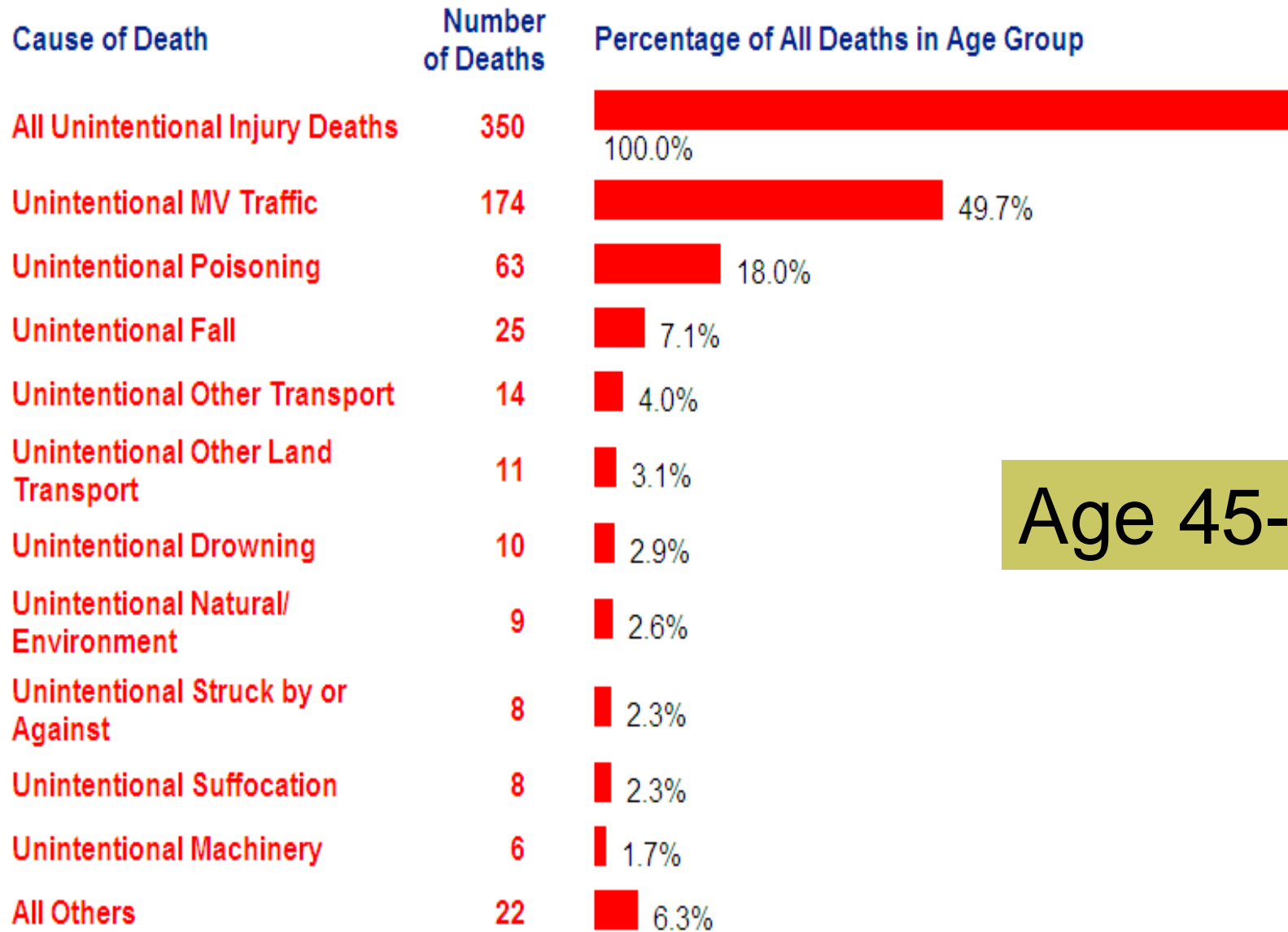


Age 35 - 44

10 Leading Causes of Unintentional Injury Deaths, Montana

2001 - 2005, All Races, Both Sexes

Ages: 45-54

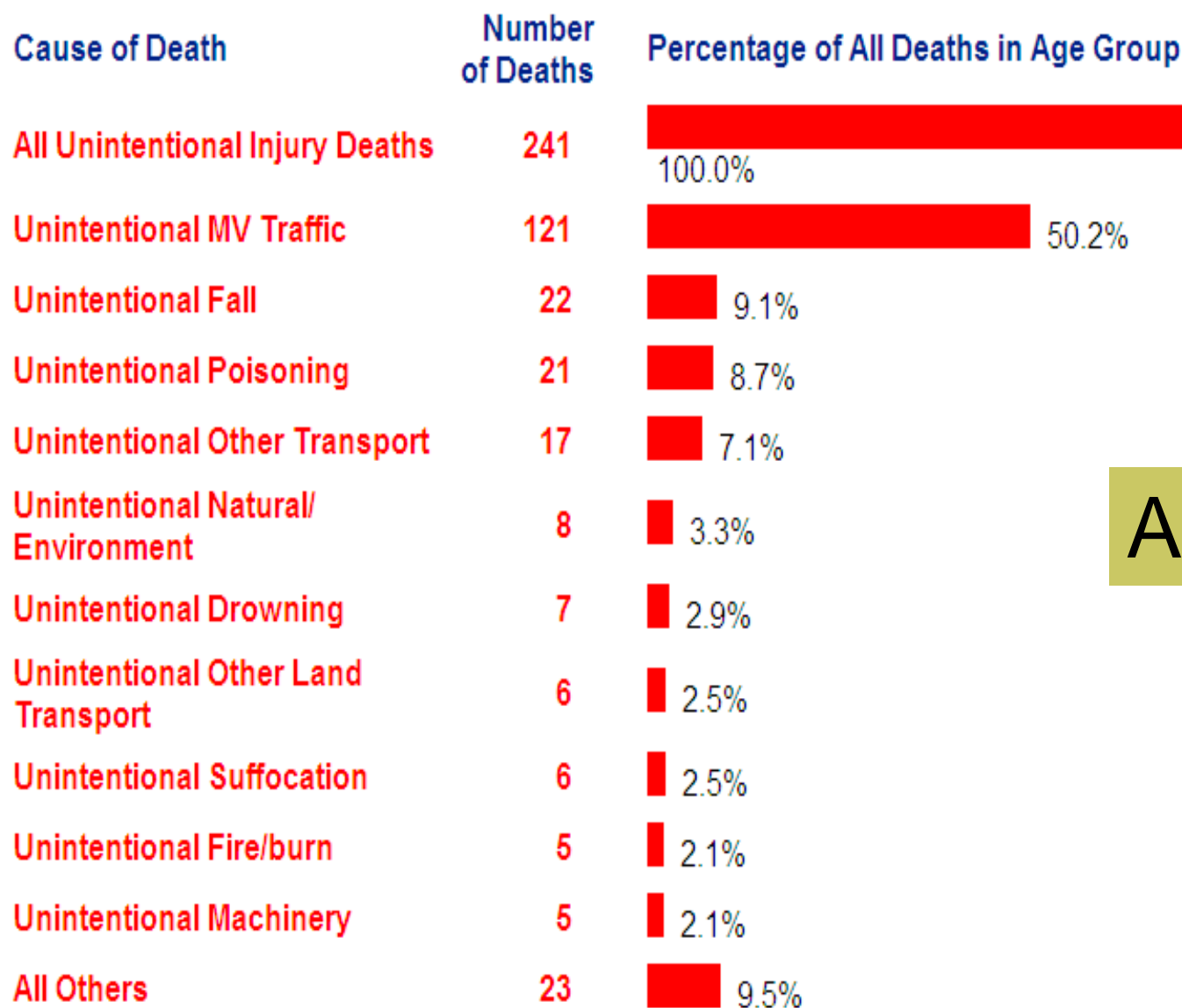


Age 45-54

10 Leading Causes of Unintentional Injury Deaths, Montana

2001 - 2005, All Races, Both Sexes

Ages: 55-64

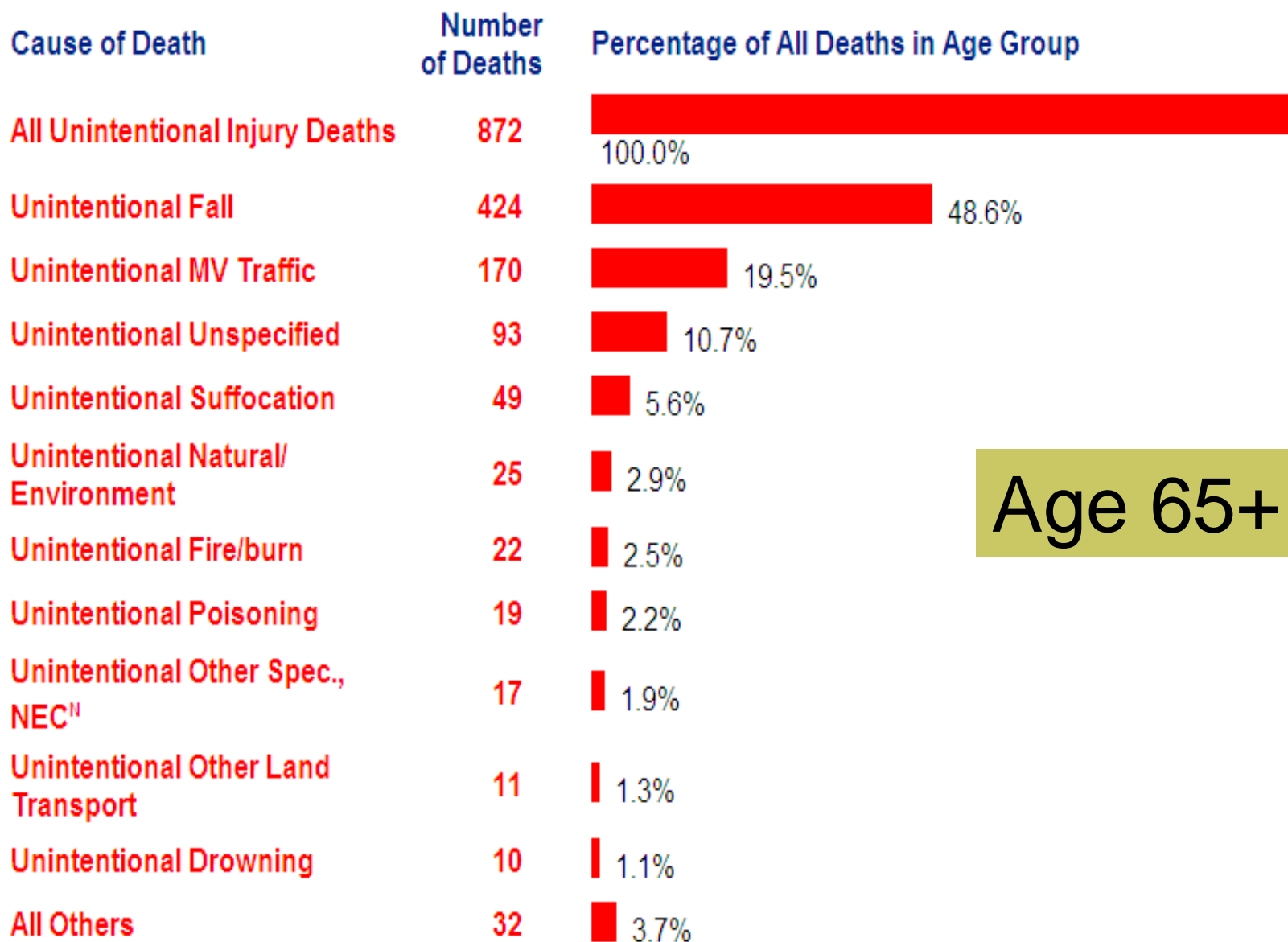


Age 55-64

10 Leading Causes of Unintentional Injury Deaths, Montana

2001 - 2005, All Races, Both Sexes

Ages: 65+

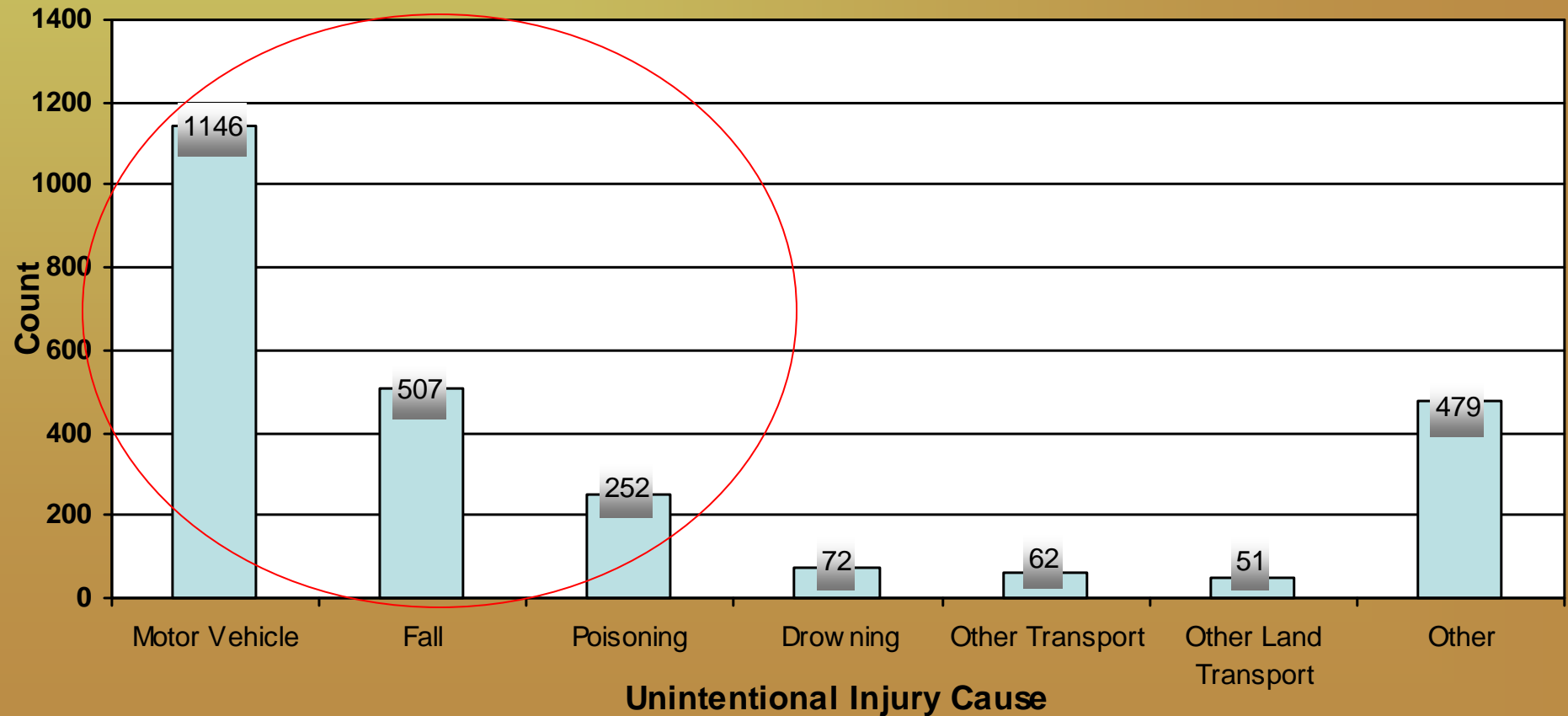


Age 65+

Let's take a closer look.....

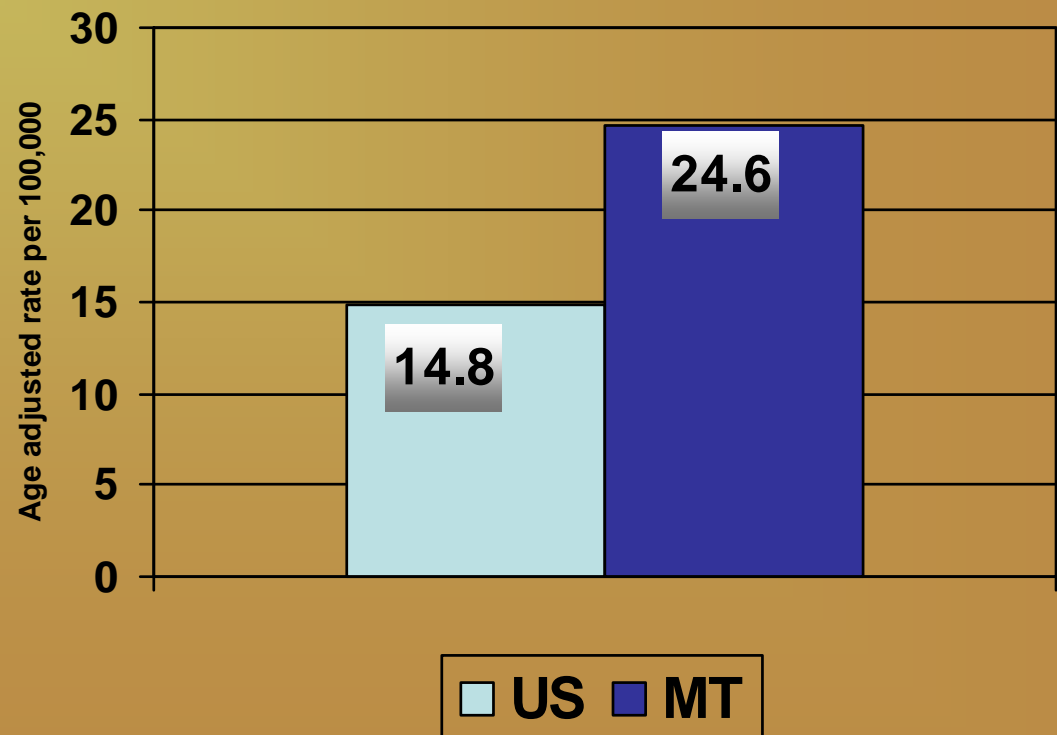
- Motor Vehicle
- Poison
- Fall
- Other land-transport (atv, snowmobile, non-traffic motorcycle, animal-ridden)
- Other transport (watercraft, aircraft)
- Drowning

MT Leading Causes of Fatal Unintentional Injury, 2001-2005, N= 2569



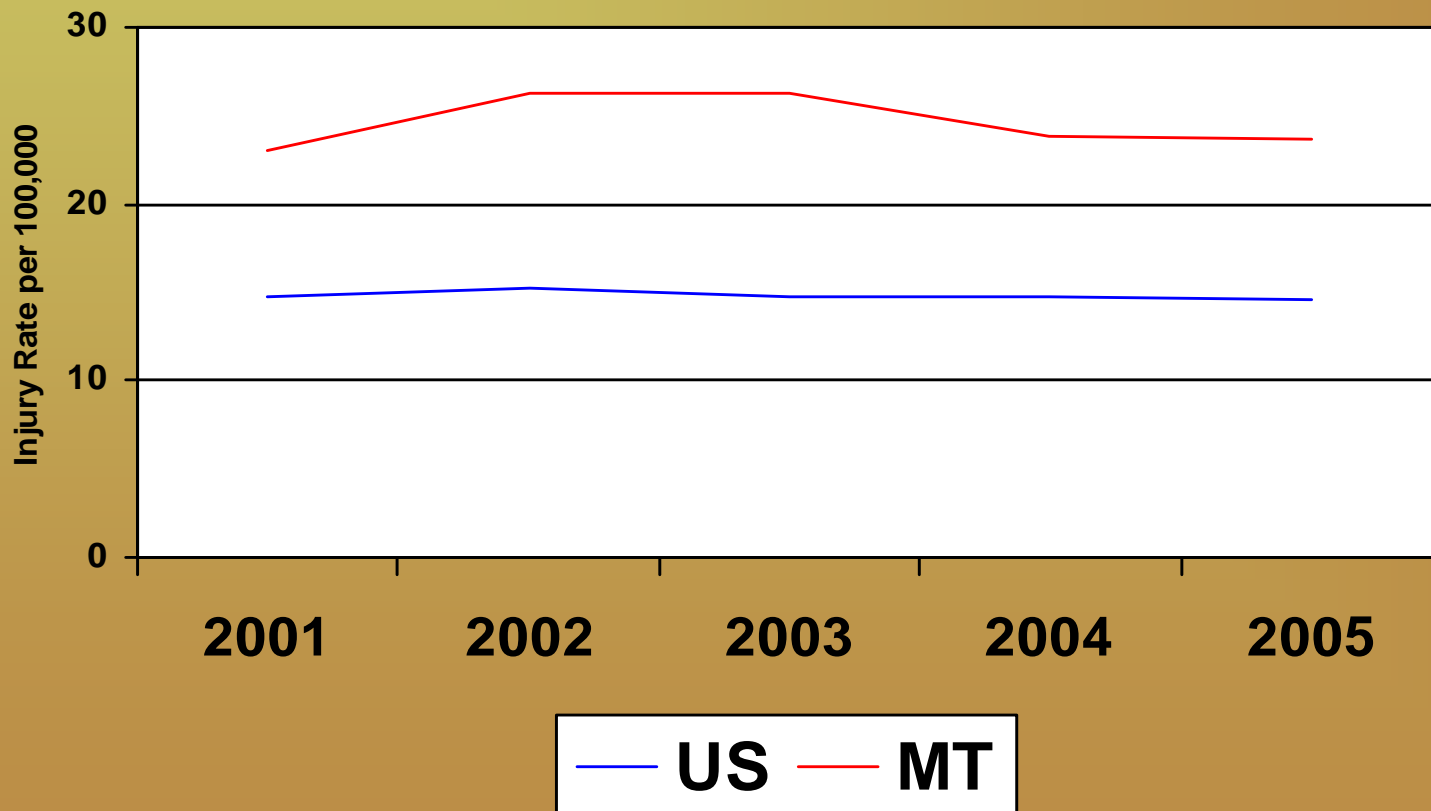
Fatal Injury Rate* for Unintentional Motor Vehicle Traffic, All Ages, MT and US, 2001 - 2005

- US – 14.8
- MT – 24.6



* Age adjusted

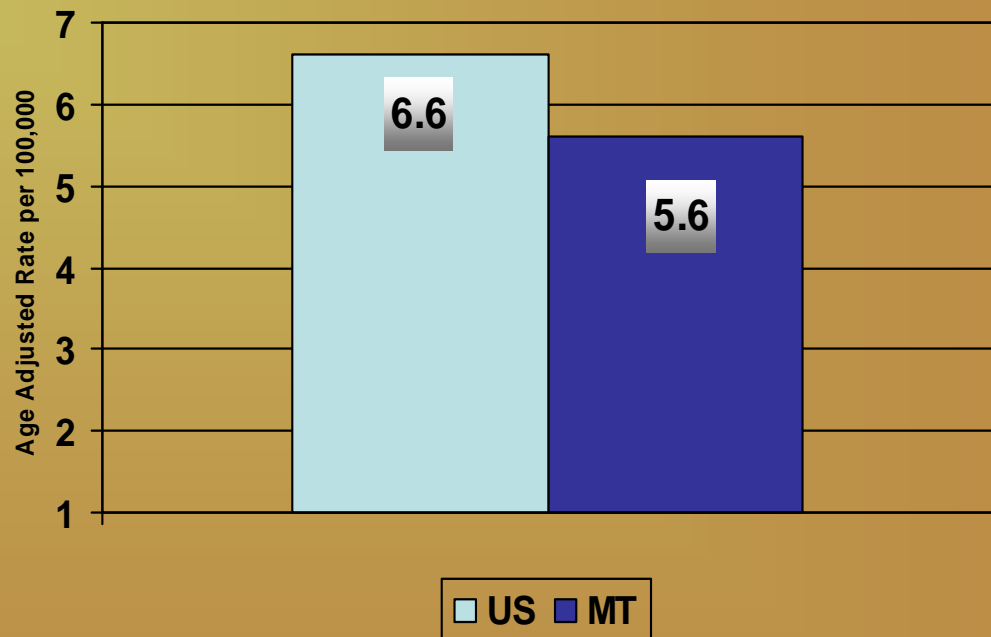
Fatal Injury Rate* for Unintentional Motor Vehicle Traffic, All Ages, 2001 - 2005



* Age-adjusted

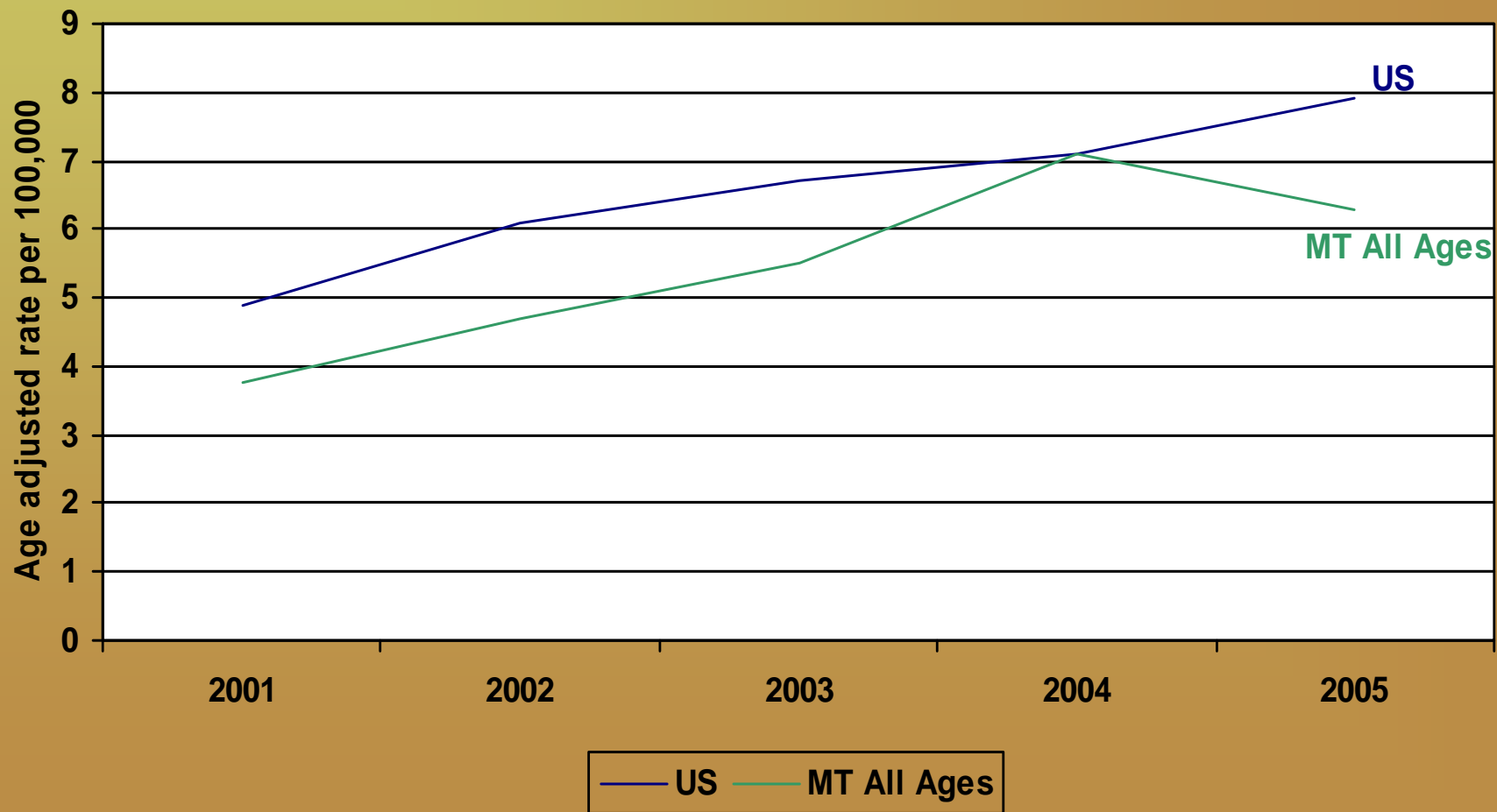
Fatal Injury Rate* for Unintentional Poisoning, all ages, MT and US, 2001 – 2005

- US – 6.6
- MT – 5.6



* Age-adjusted

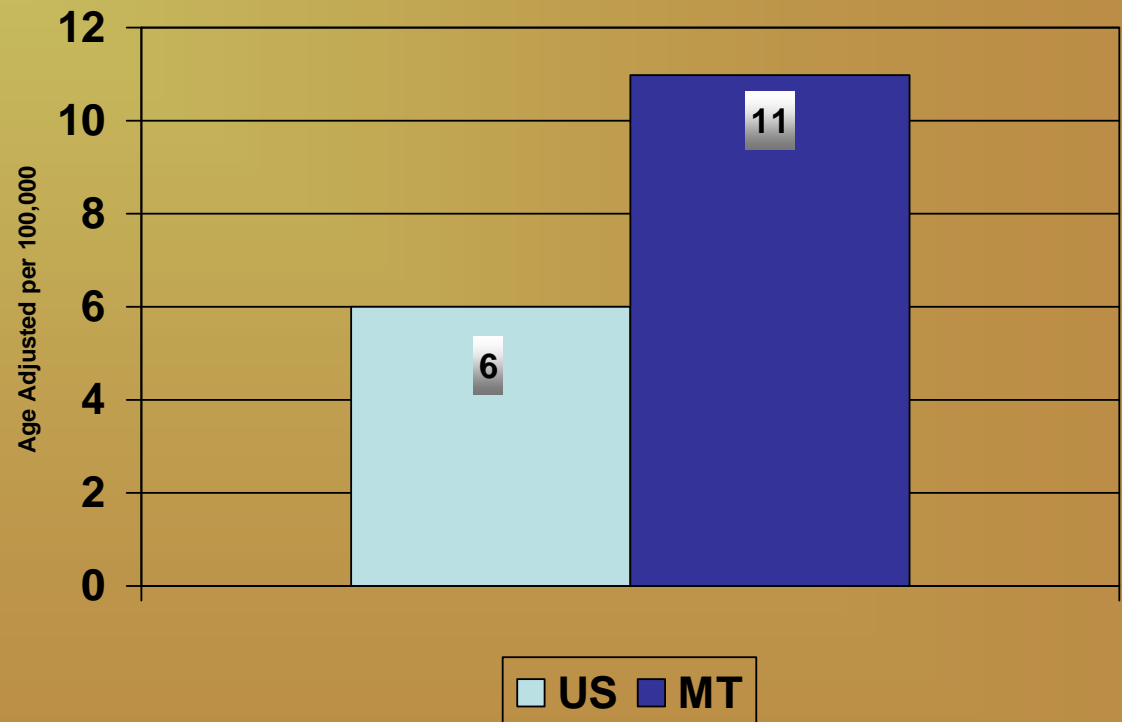
Fatal Injury Rate* for Unintentional Poisoning, All Ages, 2001 - 2005



* Age Adjusted

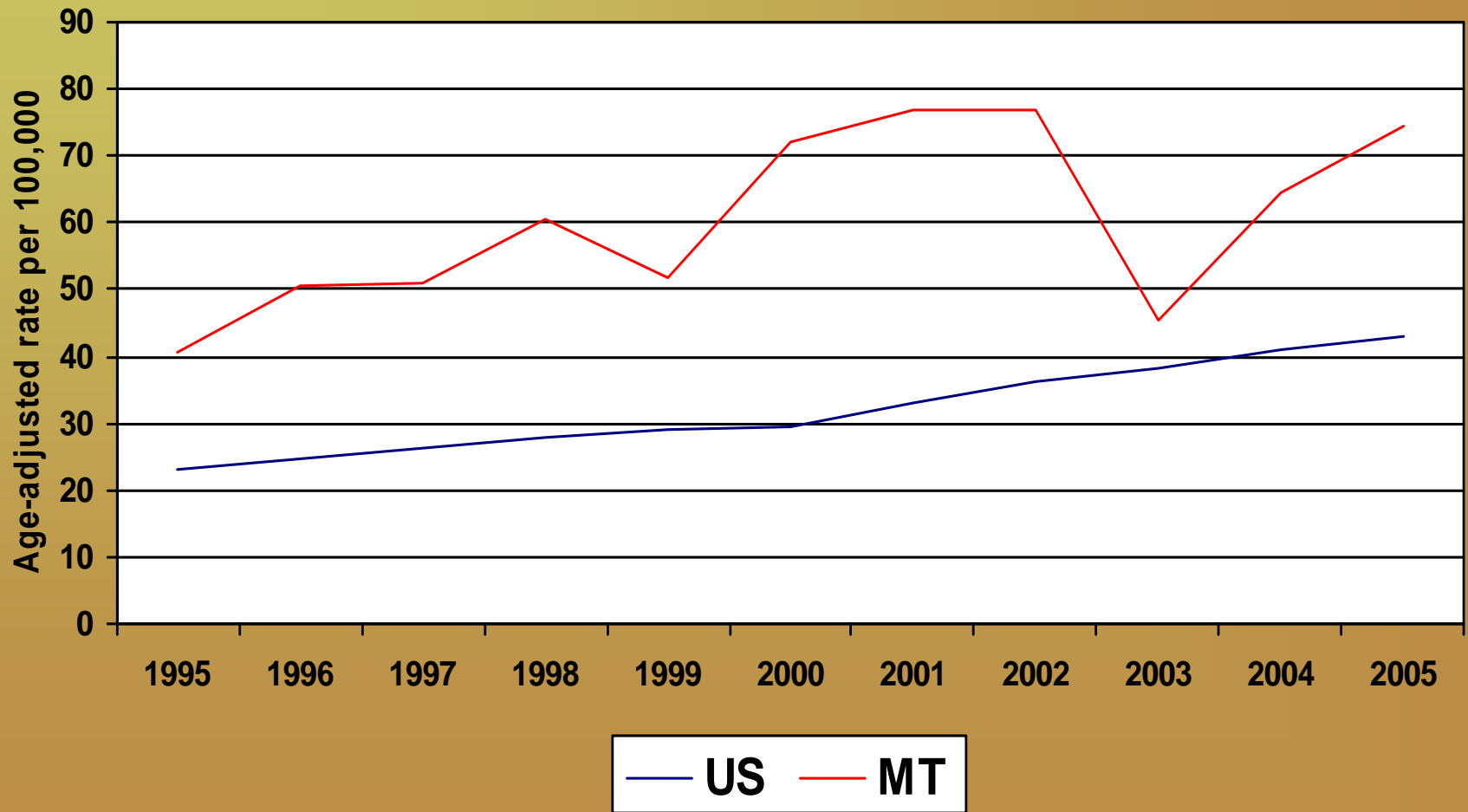
Fatal Injury Rate* for Unintentional Falls, all ages, MT and US, 2001 – 2005

- US – 6
- MT – 11



* Age-adjusted

Fatal Injury Rate* for Unintentional Falls, Age 65+, 2001-2005



* Age-adjusted

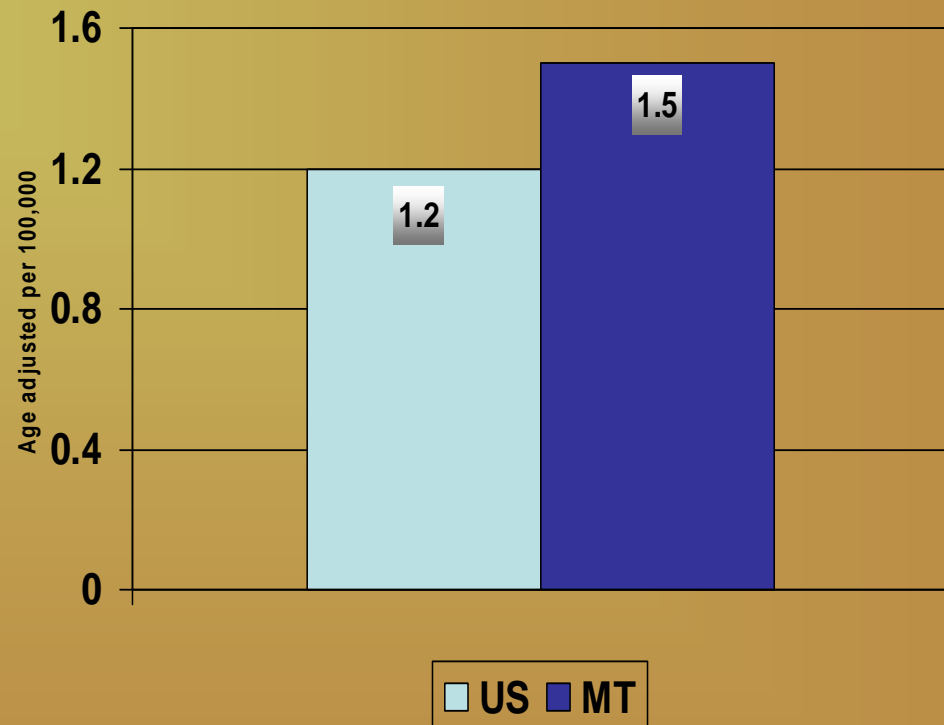
Fatal Injury Rate* for Drowning, by age, MT and US, 2001 – 2005

All ages

- US – 1.2
- MT – 1.5

Age 0-9

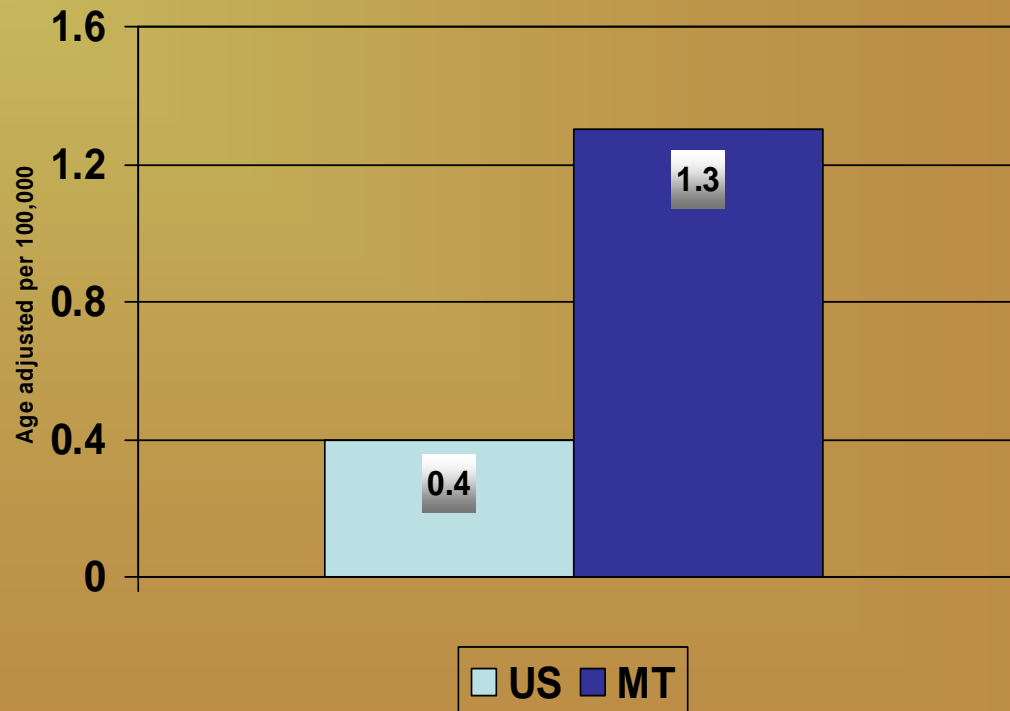
- US – 1.7
- MT – 1.9



* Age-adjusted

Fatal Injury Rate* for Unintentional Other Transport, all ages, MT and US, 2001 – 2005

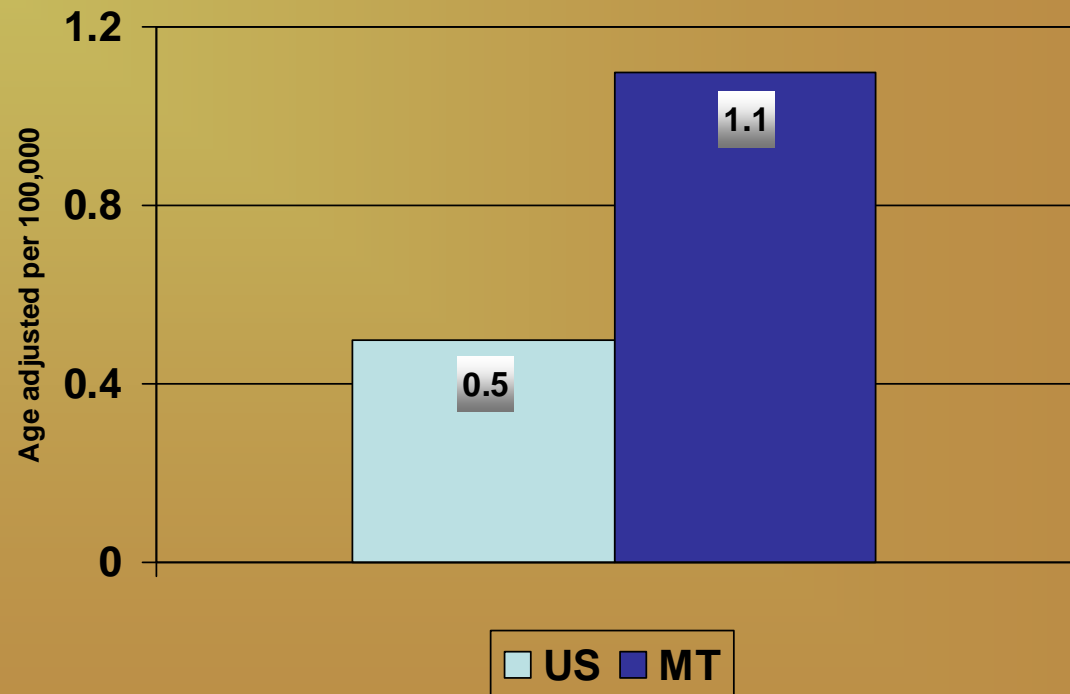
- US – 0.4
- MT – 1.3



* Age adjusted

Fatal Injury Rate* for Unintentional Other Land Transport, all ages, MT and US, 2001 – 2005

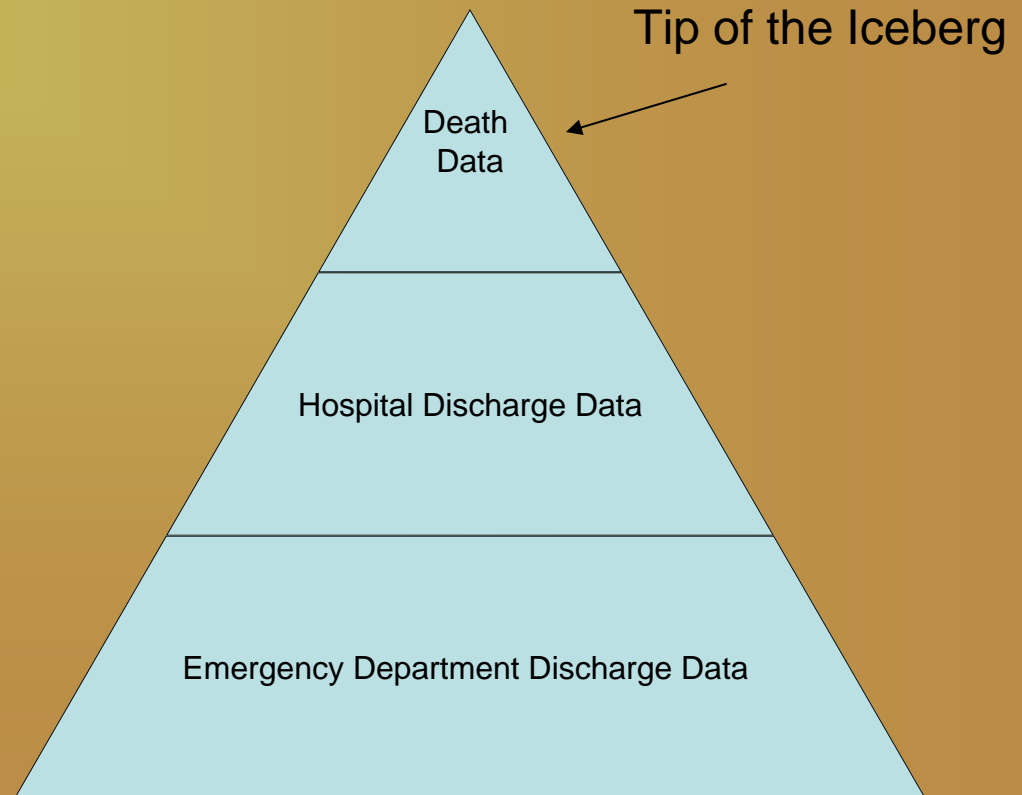
- US – 0.5
- MT – 1.1



* Age adjusted

Data Limitations

- Mortality data only
- Morbidity data unavailable or incomplete



MT Data Summary

- Unintentional Injuries are the leading cause of death for ages 1-44 years
- Motor vehicle crashes are the leading cause of unintentional injury for all ages and highest among ages 10-34 years
- Falls are the leading cause of death for ages 65 years and older
- Accidental poisoning is highest among ages 25-54 years
- Drowning is highest for ages 1-4 and 5-9 years
- ATV injury death is highest for ages 5-9 years